


KEYNSHAM RURAL SANITARY DISTRICT.

ANNUAL REPORT

FOR THE YEAR 1918.



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17, WHITELADIES ROAD,

CLIFTON, BRISTOL.

April, 1919.

Keynsham Rural Sanitary District.

GENTLEMEN,

I beg to present my Report for the year 1918, which in accordance with Government request has been condensed to the uttermost possible limit, and is given in the form suggested by the County Medical Officer of Health.

Population.—Supplied by Registrar General (estimated to middle of 1918), for birth rate = 9,865 ; for death rate = 8,804.

1. **Staff.**—Particulars of present sanitary staff and any war changes. Medical Officer of Health (part time) ; Inspector of Nuisances (whole time) ; Surveyor (part time) ; Matron of Infectious Hospital. No war changes.

2. **General Statistics.** BIRTHS.—Number Registered, 131 ; number notified under Notification of Births Acts, 129. Birth Rate, 13·88 ; Rate of Infantile Mortality, 80·88.

Deaths under 1 year : under 1 week, 4 ; 1-4 weeks, inclusive, 4 ; 1-6 months, 5 ; 6-12 months, 2 ; total, 11.

Remarks *re* Infant Mortality : There is nothing in the causes of infantile deaths calling for special remark. The Rate of Infant Mortality is well below that for England and Wales, which is 97.

DEATHS.—All Registered, 137. Corrected for inward and outward transfers, 133. Death Rate (after correction for transfers and use of factor), 13·36.

Remarks on causes of death and any increase or decrease in deaths from particular causes : The deaths from “cancer, malignant disease” (14) were above the average ; there was no death from diarrhœa ; two deaths were due to diphtheria, and two to whooping cough ; the deaths from tuberculosis (13) were above the average.

3. **Infectious Diseases.—**

Infectious Disease.	Number of		Removed to Hospital.
	Cases	Notified. Deaths.	
Small Pox	—	—	—
Diphtheria	13	2	9
Erysipelas	5	—	—
Scarlet Fever	12	—	3
Enteric Fever	—	—	—
Puerperal Fever	—	—	—
Typhus, Relapsing and Continued Fever	—	—	—
Poliomyelitis	—	—	—
Cerebro-Spinal Meningitis	1	1	Removed to Bristol Royal Infirmary and thence to Ham Green Hospital.
Ophthalmia Neonatorum	1	—	—
Measles	103	—	—
German Measles	—	—	—
Pulmonary Tuberculosis	34	12	—
Other Tuberculous varieties	4	1	—
Total	173	16	13

Remarks *re* prevalence, distribution, methods adopted for prevention, etc. Any points *re* Isolation Hospital provision :

Four cases of diphtheria occurred almost simultaneously at Brislington, in March, all were removed to Hospital and no further cases arose ; six cases occurred in the last quarter, in Keynsham, all but one were removed to Hospital and disease ceased. All the measles cases were in the first half of year, Brislington suffering heavily with 78 cases. There was no death from measles. The case of cerebro-spinal fever was a farm labourer at Queen Charlton, aged 26, notified from the Bristol Royal Infirmary on 6th June, the illness having commenced on 21st May—case positive bacteriologically, contacts treated by spray—case removed to Ham Green Isolation Hospital, Pill, and died 26th June. Influenza was prevalent during the last quarter, the first death occurring in October, during which month there were 12 deaths from this cause, there were 8 deaths in November, and one early in December.

The Isolation Hospital has been maintained, and 12 cases have been treated.

The Ambulance, Disinfecting Van, and Steam Disinfectors are in good order. 379 articles disinfected, chiefly large articles, as beds, pillows, etc.

20 disinfections for Tuberculosis carried out, and disinfectants supplied in other cases.

4. **General Sanitary Administration.**—

- 1.—Drainage, sewerage and river pollution.
Certain sewers in Keynsham, Brislington, and Saltford, cleaned and repaired ; new pipe drains, 7 ; new W.Cs., 7.
- 2.—Water supply.
No special change. Pipes at Burnett repaired and protected. Seven samples taken.
- 3.—Scavenging.
Scavenging and street watering continued under contract at Keynsham and Brislington.
- 4.—Milk supply.
On Register, 89 ; cow-keepers, 79 ; inspections, 300. Some repairs to cowsheds.
- 5.—Slaughter-houses and Meat Inspection.
Slaughter-houses : Licensed, 2 ; Registered, 9. Inspections, 250. Owing to Food Control several slaughter-houses were very little used in 1918. Plans for wholesale slaughter-house at Keynsham passed.
- 6.—Factories and Workshops.
No alteration. The factory in Keynsham High Street, formerly an eyelet factory will shortly be opened as a blouse factory. Bakehouses (9) inspected and white-washed.

5. **Housing.**—Number of inhabited houses. Not known.
New houses erected during the year, Nil.

Houses specially inspected under the Housing Act, 1909, during the year :

Reported unfit for habitation, Nil.

Defective but not sufficient to report as unfit, Nil.

Without recorded defects, Nil.

Houses reported as unfit during the year :

Closing order made, Nil.

Made fit without closing order, 24 partially repaired.

Still occupied but not made fit, Nil.

Empty, 12, not really fit.

Cases of overcrowding dealt with during the year, 2.

Remarks *re* quality, sufficiency of houses, etc., details of any shortage :

No fresh inspection work could be carried out owing to pressure of war work. Increased difficulty experienced in obtaining repair, as labour and materials were practically unobtainable. Visits *re* repairs, 150. Two cases of overcrowding dealt with, but it is difficult to deal with cases owing to lack of accommodation.

A Housing Committee has been appointed and the needs of the whole district with regard to new houses considered ; it has been resolved to recommend that land be acquired for 120 houses at Keynsham, 60 to be erected to start with. Also that new houses be erected in the other parishes as follows : Compton Dando, 8 ; Corston, 6 ; Kelston, 8 ; Swinford and Northstoke, 4 ; Priston, 8 ; Queen Charlton, 3 ; Saltford, 8 ; Whitchurch, 8.

Additional Remarks.—The past year has been very uneventful and there is nothing calling for special remark except that the Bath Sewage Works in Saltford parish have been a constant source of nuisance and of some ill-health. About 160 complaints were received from various people, and there has been much correspondence with the Bath Council on the matter. The Warmley Rural District Council (Gloucestershire) has also received numerous complaints, and that Council and the Keynsham Council have approached the Local Government Board with a view to a Local Inquiry.

JOHN C. HEAVEN, D.P.H., etc.

Medical Officer of Health.

April, 1919.

CAUSES OF DEATH (Civilians only).					Males.	Females.
ALL CAUSES					56	77
1	Enteric fever ... ..	...	...	...	...	...
2	Small-pox ... ..	...	...	...	...	...
3	Measles ... ..	...	...	...	...	...
4	Scarlet fever ... ..	...	...	...	...	...
5	Whooping cough ... ..	...	...	...	1	1
6	Diphtheria and croup ... ..	...	...	...	1	1
7	Influenza ... ..	...	...	...	9	12
8	Erysipelas ... ..	...	...	...	...	...
9	Pulmonary tuberculosis ... ..	...	...	...	6	6
10	Tuberculous meningitis ... ..	...	...	...	...	...
11	Other tuberculous diseases ... ..	...	...	...	...	1
12	Cancer, malignant disease ... ..	...	...	...	7	7
13	Rheumatic fever ... ..	...	...	...	1	1
14	Meningitis ... ..	...	...	...	1	...
15	Organic heart disease ... ..	...	...	...	4	10
16	Bronchitis ... ..	...	...	...	2	9
17	Pneumonia (all forms) ... ..	...	...	...	4	3
18	Other respiratory diseases ... ..	...	...	...	1	...
19	Diarrhœa, &c. (under 2 years) ... ..	...	...	...	...	1
20	Appendicitis and typhlitis ... ..	...	...	...	...	...
21	Cirrhosis of liver ... ..	...	...	...	...	...
21A	Alcoholism ... ..	...	...	...	...	...
22	Nephritis and Bright's disease ... ..	...	...	...	2	1
23	Puerperal fever ... ..	...	...	...	...	...
24	Parturition, apart from puerperal fever ... ..	...	...	...	...	1
25	Congenital debility, &c. ... ..	...	...	...	3	3
26	Violence, apart from suicide ... ..	...	...	...	3	...
27	Suicide ... ..	...	...	...	...	...
28	Other defined diseases ... ..	...	...	...	11	20
29	Causes ill-defined or unknown ... ..	...	...	...	...	...
Special Causes (included above)—						
	Cerebro-spinal fever ... ..	...	...	...	1	...
	Poliomyelitis ... ..	...	...	...	...	...
TOTAL DEATHS of infants under 1 year of age					4	7
	Illegitimate ... ..	...	...	...	1	...
TOTAL BIRTHS					67	69
	Legitimate ... ..	...	...	...	65	67
	Illegitimate ... ..	...	...	...	2	2
POPULATION FOR BIRTH RATE ... ..					...	9,865
FOR DEATH RATE ... ..					...	8,804

